

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/067,550
Filing Date	February 5, 2002
First Named Inventor	Ramesh Jain
Art Unit	<del>2616</del> 2621
Examiner	James J. Groody C. ONU AKU
Attorney Docket No.	VIRAGE.023C2

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
booo	1	6,463,444	10-08-2002	Jain et al.	
booo	2	6,567,980	05-20-2003	Jain et al.	
booo	3	6,833,865	12-21-2004	Fuller et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
booo	4	Virage, Inc., "Virage Video Cataloger & Video Browser," 1997, San Mateo, CA (brochure)	
booo	5	Virage, Inc. "The Virage Video Cataloger 1.3," 1998, San Mateo, CA (brochure)	
booo	6	Virage, Inc. "Virage Releases VideoLogger 2.0 at Streaming Media '98 Conference," 1998, San Mateo, CA (news release)	

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Examiner Signature	CHRISTOPHER ONU AKU	Date Considered	8/17/06
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<i>luc</i>	1.	5,557,320	09/17/1996	Krebs	
	2.	6,389,473	05/14/2002	Carmel et al.	
	3.	6,774,926	08/10/2004	Ellis et al.	
<i>luc</i>	4.	2002/0056123	05/09/2002	Liwerant et al.	

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bgo ↓ bco	1	6,205,260	03-2001	Crinon et al.	
	2	6,259,828	07-2001	Crinon et al.	
	3	6,877,134	04-2005	Fuller et al.	
	4	6,640,145	10-2003	Hoffberg et al.	
	5	6,285,788	09-2001	Sezan et al.	
	6	6,356,658	03-2002	Sezan et al.	

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SHEET 1 OF 4

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VIRAGE.023C2	APPLICATION NO. 10/087,550
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Jain et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE February 5, 2002	GROUP 2621

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
C O O	1	5,045,940	09/03/91	Peters, et al.			
	2	5,138,655	08/04/92	Bronson			
	3	5,307,458	04/28/94	MacKay			
	4	5,487,288	11/14/95	Fasciano, et al.			
	5	5,481,288	01/02/96	Cragun, et al.			
	6	5,485,553	01/16/96	Kovalick et al.			
	7	5,508,940	04/16/96	Rossmere et al.			
	8	5,521,841	05/28/96	Arman, et al.			
	9	5,561,457	10/01/96	Cragun, et al.			
	10	5,566,290	10/15/96	Silverbrook			
	11	5,574,845	11/12/96	Benson, et al.			
	12	5,606,655	02/25/97	Arman, et al.			
	13	5,613,032	03/18/97	Cruz et al.			
	14	5,649,060	07/15/97	Ellozy, et al.			
	15	5,664,218	08/02/97	Kim et al.			
	16	5,664,227	08/02/97	Mauldin, et al.			
	17	5,677,994	10/14/97	Miyamori et al.			
	18	5,680,639	10/21/97	Mine et al.			
	19	5,692,104	11/25/97	Chow et al.			
	20	5,701,153	12/23/97	Reichek et al.			
	21	5,706,290	01/06/98	Shaw et al.			
	22	5,740,388	04/14/98	Hunt			
	23	5,745,637	04/28/98	Phillips et al.			
	24	5,751,280	05/12/98	Abbott et al.			
	25	5,777,812	07/07/98	Kataoka			
	26	5,794,249	08/11/98	Orsolini et al.			
	27	5,809,512	08/15/98	Kato			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Jain et al.	
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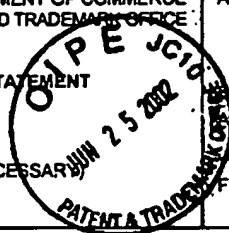
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
600 ↑	28	5,813,014	09/22/98	Gustman			
	29	5,818,512	10/06/98	Fuller			
	30	5,822,024	10/13/98	Setogawa et al.			
	31	5,828,809	10/27/98	Chang et al.			
	32	5,835,687	11/10/98	Wactlar et al.			
	33	5,852,435	12/22/98	Vigneaux, et al.			
	34	5,872,565	02/18/99	Greaves, et al.			
	35	5,890,175	03/30/99	Wong, et al.			
	36	5,893,085	04/06/99	Jain et al.			
	37	5,898,441	04/27/99	Flurry			
	38	5,903,281	05/11/99	Walsh, et al.			
	39	5,903,892	05/11/99	Hoffert et al.			
	40	5,920,856	07/06/99	Syeda-Mahmood			
	41	5,926,205	07/20/99	Krause et al.			
	42	5,930,446	07/27/99	Kanda			
	43	5,946,445	08/31/99	Peters, et al.			
	44	5,953,005	09/14/99	Liu			
	45	5,963,702	10/05/99	Yamashita			
	46	5,969,716	10/19/99	Davis, et al.			
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	48	5,987,454	11/16/99	Hobbs			
	49	5,990,955	11/23/99	Koz			
	50	6,006,241	12/21/99	Pumaveja, et al.			
	51	6,008,507	12/28/99	Brooks, et al.			
	52	6,014,183	01/11/00	Hoang			
	53	6,034,942	03/07/00	Yoshio et al.			
	54	6,094,671	07/25/00	Chase, et al.			

EXAMINER	CHRISTOPHER ONYAKU	DATE CONSIDERED	8/17/06
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VIRAGE.023C2	APPLICATION NO. 10/087,550
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Jain et al.	
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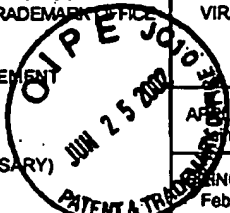
U.S. PATENT DOCUMENTS							Technology Center 2600
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>lao</i>	55	6,187,404	12/28/00	Morcos et al.			
<i>lao</i>	56	6,360,234	03/19/02	Jain et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>lao</i>	57	WO 98/12239	04/25/98	PCT	<u>          </u>	<u>          </u>		
<i>lao</i>	58	WO 97/28758	07/24/97	PCT	<u>          </u>	<u>          </u>		

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<i>lao</i>	59	Film and Television Update, Avid Technology, Inc., Vol. 1, no. 1., July 1997.
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	66	Arman, Farshid, Hsu, Arding and Chiu, Ming-Yee, SPIE Vol. 1908, pp. 2-12, (1993), "Feature Management for Large Video Databases"
	67	Arman, F., Depommier, R., Hsu, Arding and Chiu, Ming-Yee, ACM Multimedia, pp. 97-103 (1994), "Content-Based Browsing of Video Sequences"
	68	Smith, Michael A. and Kanade, Takeo, CMU-CS-95-186, July 30, 1995, Pittsburgh, Pennsylvania, "Video Skimming For Quick Browsing Based on Audio and Image Characterization"
	69	Rowley, Henry A., Baluja, Shumeet and Kanade, Takeo, CMU-CS-95-158R, Nov. 1995, Pittsburgh, Pennsylvania, "Human Face Detection in Visual Scenes"
	70	Hampapur, Arun, Gupta, Amarnath, Horowitz, Bradley, Shu, Chiao-Fa, et al., Virage Inc., March 1997, San Mateo, California, "Virage Video Engine"
<i>lao</i>	71	Virage, Inc., "The Virage Media Management System", (1997), San Mateo, California (Brochure)

EXAMINER <i>CHRISTOPHER ONYAKU</i>	DATE CONSIDERED <i>8/17/06</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT John et al.	
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	Technology Center 2800	
8/17 06	72	VISIONARY, Media Access Technologies, Ltd., (1998) (Brochure), "Automated Logging and Search Solution for Multimedia Streams and Libraries"
	73	Virage, Inc., The Virage Media Manager & Browser 1.1, (1998), San Mateo, California (Brochure), "Place Your Media Assets Within Reach Of Your Entire Enterprise"
	74	Virage, Inc., The Virage Video Cataloger 1.1, (1998), San Mateo, California (Brochure), "Discover a Highly Efficient Approach to Video Cataloging"
	75	Excalibur Technologies, (1998). Vienna Virginia (Brochure), "Excalibur Screening Room™: The Intelligent Way to Reveal and Leverage Video Content"
	76	Sherman, Howard, Howard Sherman Public Relations NEWS, April 9, 1998 (News Release), "Ingenious Realtime Video Archival & Retrieval Solution"
	77	The Content Group, Content Watch, Vol. 1 No. 5, pp. 6-7, 23, (1998), "Excalibur Enters the Video Market With The Release Of Excalibur Screening Room"
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	79	Islip Media, MediaKey Digital Video Library System Demonstration, NAB (1998) (Information Sheet), "Unlocking the Value of Video"
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